

SEQUENCE LISTING

<110> Loren J. Miraglia
 Pamela Nero
 Mark J. Graham
 Brett P. Monia
 Erich Koller
 MingYi Chiang
 Mano Manoharan

<120> Antisense Modulation of mdm2 expression.

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<151> 1998-03-26

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Ser Gln Ile Pro Ala Ser Glu Gln Glu Thr Leu Val Arg Pro Lys Pro
20 25 30

ttg ctt ttg aag ttg tta aag tcc gtt gga gcg caa aac gac act tac 144
Leu Leu Leu Lys Leu Leu Lys Ser Val Gly Ala Gln Asn Asp Thr Tyr
35 40 45

act atg aaa gag att ata ttt tat att ggc cag tat att atg act aag 192
Thr Met Lys Glu Ile Ile Phe Tyr Ile Gly Gln Tyr Ile Met Thr Lys
50 55 60

agg tta tat gac gag aag cag cag cac att gtg tat tgt tca aat gat 240
Arg Leu Tyr Asp Glu Lys Gln Gln His Ile Val Tyr Cys Ser Asn Asp
65 70 75 80

ctc cta gga gat gtg ttt gga gtc ccg agt ttc tct gtg aag gag cac 288
Leu Leu Gly Asp Val Phe Gly Val Pro Ser Phe Ser Val Lys Glu His
85 90 95

agg aaa ata tat gca atg atc tac aga aat tta gtg gct gta agt cag 336
Arg Lys Ile Tyr Ala Met Ile Tyr Arg Asn Leu Val Ala Val Ser Gln
100 105 110

caa gac tct ggc aca tcg ctg agt gag agc aga cgt cag cct gaa ggt 384
Gln Asp Ser Gly Thr Ser Leu Ser Glu Ser Arg Arg Gln Pro Glu Gly

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Gly	Ser	Asp	Leu	Lys	Asp	Pro	Leu	Gln	Ala	Pro	Pro	Glu	Glu	Lys	Pro	
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Ser	Ser	Ser	Asp	Leu	Ile	Ser	Arg	Leu	Ser	Thr	Ser	Ser	Arg	Arg	Arg	
145					150					155					160	
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Ser	Ile	Ser	Glu	Thr	Glu	Glu	Asn	Thr	Asp	Glu	Leu	Pro	Gly	Glu	Arg	
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cac	cgg	aag	cgc	cgc	agg	tcc	ctg	tcc	ttt	gat	ccg	agc	ctg	ggt	ctg	576
His	Arg	Lys	Arg	Arg	Arg	Ser	Leu	Ser	Phe	Asp	Pro	Ser	Leu	Gly	Leu	
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Cys	Glu	Leu	Arg	Glu	Met	Cys	Ser	Gly	Gly	Ser	Ser	Ser	Ser	Ser	Ser	
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Ser	Ser	Ser	Glu	Ser	Thr	Glu	Thr	Pro	Ser	His	Gln	Asp	Leu	Asp	Asp	
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Tyr	Ser	Leu	Ser	Asp	Glu	Gly	His	Glu	Leu	Ser	Asp	Glu	Asp	Asp	Glu	
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Val	Tyr	Arg	Val	Thr	Val	Tyr	Gln	Thr	Gly	Glu	Ser	Asp	Thr	Asp	Ser	
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Trp	Thr	Leu	Arg	Glu	Asn	Trp	Leu	Pro	Asp	Asp	Lys	Gly	Lys	Asp	Lys	
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Val	Glu	Ile	Ser	Glu	Lys	Ala	Lys	Leu	Glu	Asn	Ser	Ala	Gln	Ala	Glu	
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gaa	ggc	ttg	gat	gtg	cct	gat	ggc	aaa	aag	ctg	aca	gag	aat	gat	gct	1104
Glu	Gly	Leu	Asp	Val	Pro	Asp	Gly	Lys	Lys	Leu	Thr	Glu	Asn	Asp	Ala	
		355					360					365				

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Lys Glu Pro Cys Ala Glu Glu Asp Ser Glu Glu Lys Ala Glu Gln Thr	
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ccc ctg tcc cag gag agt gac gac tat tcc caa cca tcg act tcc agc	1200
Pro Leu Ser Gln Glu Ser Asp Asp Tyr Ser Gln Pro Ser Thr Ser Ser	
385 390 395 400	
agc att gtt tat agc agc caa gaa agc gtg aaa gag ttg aag gag gaa	1248
Ser Ile Val Tyr Ser Ser Gln Glu Ser Val Lys Glu Leu Lys Glu Glu	
405 410 415	
acg cag gac aaa gac gag agt gtg gaa tct agc ttc tcc ctg aat gcc	1296
Thr Gln Asp Lys Asp Glu Ser Val Glu Ser Ser Phe Ser Leu Asn Ala	
420 425 430	
atc gaa cca tgt gtg atc tgc cag ggg cgg cct aaa aat ggc tgc att	1344
Ile Glu Pro Cys Val Ile Cys Gln Gly Arg Pro Lys Asn Gly Cys Ile	
435 440 445	
gtt cac ggc aag act gga cac ctg atg tca tgt ttc acg tgt gca aag	1392
Val His Gly Lys Thr Gly His Leu Met Ser Cys Phe Thr Cys Ala Lys	
450 455 460	
aag cta aaa aaa aga aac aag ccc tgc cca gtg tgc aga cag cca atc	1440
Lys Leu Lys Lys Arg Asn Lys Pro Cys Pro Val Cys Arg Gln Pro Ile	
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ISPH- -5- PATENT

ISPH- -5- PATENT